In the Claims:

1. A hard drive device comprising:

a rotatable medium capable of storing information;

a processor, the processor adapted to process signals received from a host device, identify critical data that is likely to be accessed upon the occurrence of a critical event, and access critical data from a FLASH upon the occurrence of a critical event; and

a FLASH memory, the FLASH memory configured to store critical data and allow access to the critical data.

2. The hard drive of claim 1, the critical data including compressed critical data.

3. The hard drive of claim 1 wherein the critical event is power-on of the drive.

4. The hard drive of claim 1 wherein the critical data is data associated with hard drive boot-up.

5. The hard drive of claim 1, the FLASH memory including a first FLASH memory and a second FLASH memory, wherein drive code is stored to the first FLASH memory and critical data is stored in the second FLASH.

6. A hard drive device comprising:

a rotatable medium capable of storing information;

a DRAM device adapted to store and provide access to critical data; and

a FLASH memory, the FLASH memory adapted to store and provide access to data; and

a processor, the processor configured to be execute computer code loaded into a cache memory, the computer code including:

computer code for detecting a low power state event;

computer code for retrieving critical data from the DRAM device; and

computer code for storing the critical data in the FLASH memory.

7. The hard drive of claim 6 wherein the computer code further includes:

computer code for powering down the DRAM.

8. The hard drive of claim 6 wherein the computer code further includes:

computer code for entering a write data into a log, the write data indicating that critical data was read from the DRAM and written to the FLASH memory.

9. The hard drive of claim 8 wherein the computer code further includes:

computer code for transitioning the hard drive to a low power state.

10. The hard drive of claim 8 wherein the computer code further includes:

computer code for transitioning the hard drive to a power off state.